

Title (en)

Acidic liquid detergent compositions for bathrooms.

Title (de)

Säures flüssiges Reinigungsmittel für Badezimmer.

Title (fr)

Compositions détergentes acides liquides pour salles de bains.

Publication

EP 0638637 A3 19970730 (EN)

Application

EP 94201711 A 19940615

Priority

US 9653393 A 19930722

Abstract (en)

[origin: EP0638637A2] Detergent compositions comprising a surfactant system that is either (1) a mixture of zwitterionic detergent surfactant and/or amphoteric (non-zwitterionic) detergent surfactant with nonionic detergent surfactant; or (2) short chain nonionic detergent surfactant; a suds reducing amount of a suds controlling alkoxylated material of the formula: $C_n(PO)_x(EO)_y(PO)_z$ in which C_n is a hydrocarbon group containing n carbon atoms, n is a number from about 6 to about 12, x is a number from about 1 to about 6, y is a number from about 4 to about 15, and z is a number from about 4 to about 25; optional, but preferred, hydrophobic cleaning solvent; and polycarboxylate, especially dicarboxylate, detergent builder, provide superior cleaning of all of the soils commonly found in the bathroom while maintaining a desirable low suds profile and good rinsing properties. The compositions have a pH of from about 1 to about 5.5, preferably from about 2 to about 4 when the dicarboxylate builder is used. The compositions are in the form of aqueous liquids.

IPC 1-7

C11D 1/94; **C11D 3/20**; **C11D 3/33**; **C11D 3/43**

IPC 8 full level

C11D 1/825 (2006.01); **C11D 1/94** (2006.01); **C11D 3/20** (2006.01); **C11D 3/33** (2006.01); **C11D 1/72** (2006.01); **C11D 1/722** (2006.01); **C11D 1/88** (2006.01); **C11D 1/90** (2006.01)

CPC (source: EP US)

C11D 1/825 (2013.01 - EP US); **C11D 1/94** (2013.01 - EP US); **C11D 3/2068** (2013.01 - EP US); **C11D 3/2082** (2013.01 - EP US); **C11D 3/33** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 1/722** (2013.01 - EP US); **C11D 1/88** (2013.01 - EP US); **C11D 1/90** (2013.01 - EP US)

Citation (search report)

- [DA] US 5061393 A 19911029 - LINARES CARLOS G [US], et al
- [PA] US 5273677 A 19931228 - ARIF SHOAIB [US]
- [T] WO 9421772 A1 19940929 - PROCTER & GAMBLE [US]

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Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0638637 A2 19950215; **EP 0638637 A3 19970730**; CA 2126898 A1 19950123; CA 2126898 C 19980825; US 5399280 A 19950321; US 5607913 A 19970304

DOCDB simple family (application)

EP 94201711 A 19940615; CA 2126898 A 19940628; US 34255794 A 19941121; US 9653393 A 19930722